App No.: Not Yet Assigned Docket No.: 559502000 Inventor: Yoshinao MORIKAWA
Title: NONVOLATILE MEMORY CELL AND NON-VOLATILE SEMICONDUCTOR MEMORY DEVICE Docket No.: 559502000700

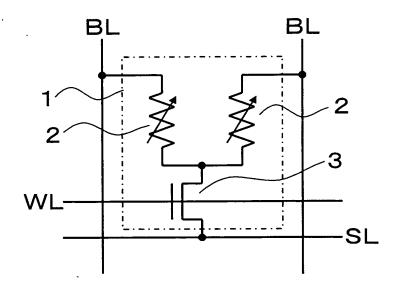


FIG. 1

App No.: Not Yet Assigned Docket No.: 559502000 Inventor: Yoshinao MORIKAWA
Title: NONVOLATILE MEMORY CELL AND NON-VOLATILE

Docket No.: 559502000700

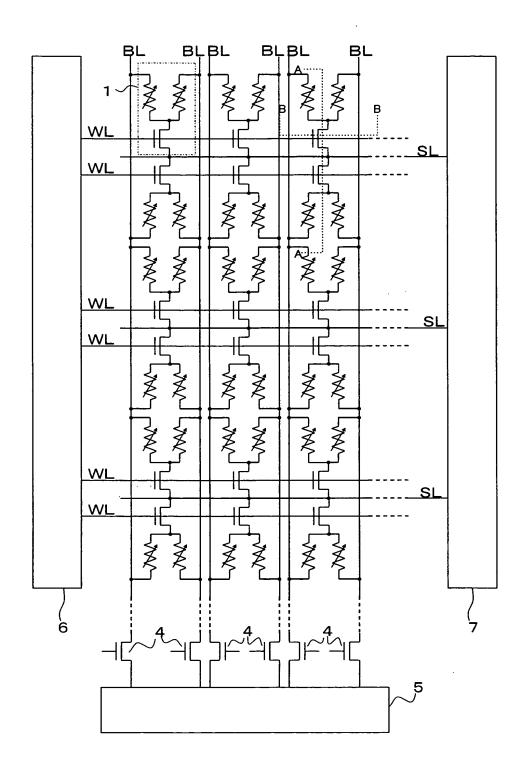
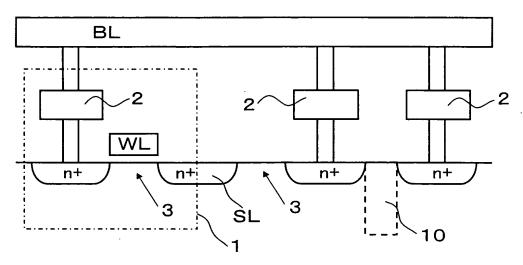


FIG. 2

App No.: Not Yet Assigned Docket No.: 559502000700

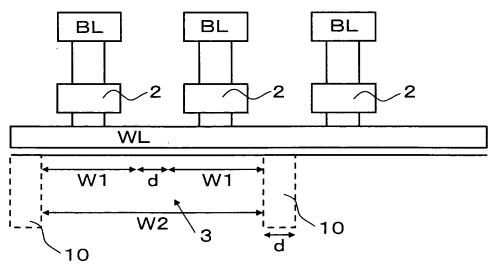
Inventor: Yoshinao MORIKAWA

Title: NONVOLATILE MEMORY CELL AND NON-VOLATILE



A-A Sectional View

FIG. 3A



B-B Sectional View

FIG. 3B

App No.: Not Yet Assigned Docket No.: 559502000700 Inventor: Yoshinao MORIKAWA

Title: NONVOLATILE MEMORY CELL AND NON-VOLATILE

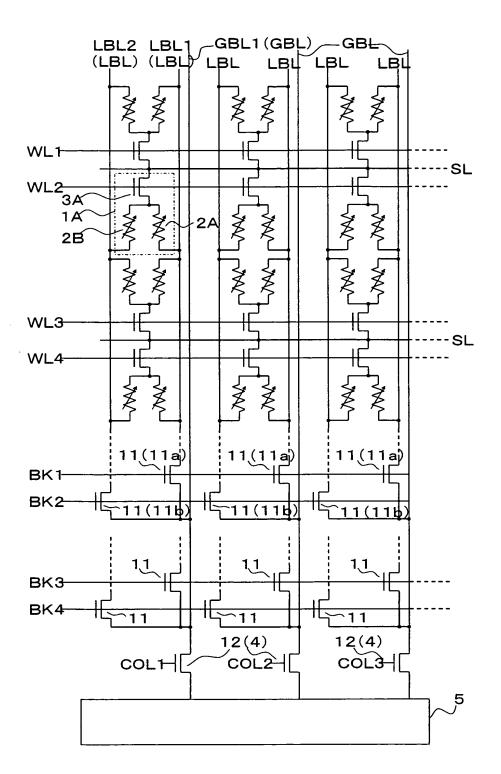


FIG. 4

App No.: Not Yet Assigned Docket No.: 559502000 Inventor: Yoshinao MORIKAWA
Title: NONVOLATILE MEMORY CELL AND NON-VOLATILE Docket No.: 559502000700

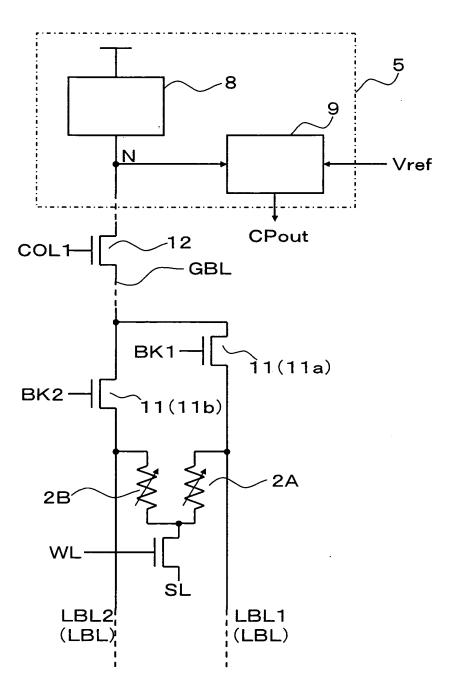


FIG. 5

App No.: Not Yet Assigned Docket No.: 559502000 Inventor: Yoshinao MORIKAWA
Title: NONVOLATILE MEMORY CELL AND NON-VOLATILE SEMICONDUCTOR MEMORY DEVICE

Docket No.: 559502000700

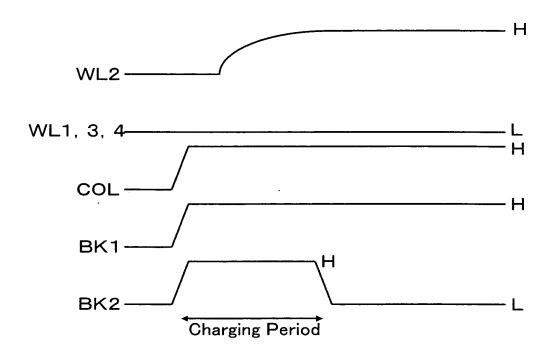


FIG. 6

App No.: Not Yet Assigned Inventor: Yoshinao MORIKAWA Docket No.: 559502000700

Title: NONVOLATILE MEMORY CELL AND NON-VOLATILE SEMICONDUCTOR MEMORY DEVICE

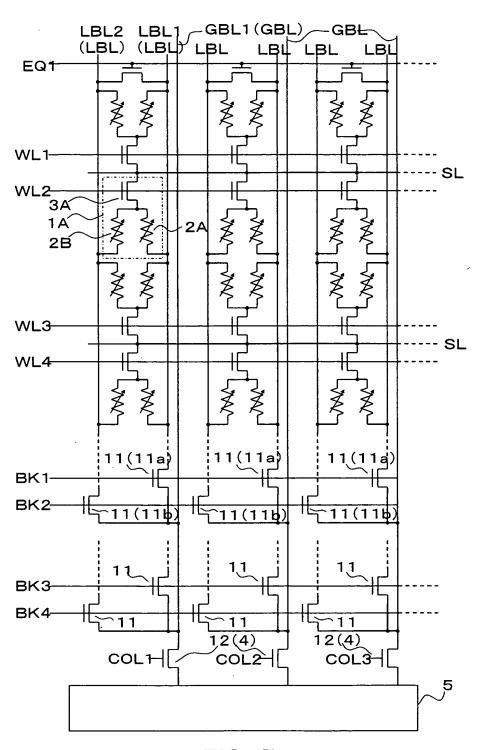


FIG. 7

App No.: Not Yet Assigned Docket No.: 559502000 Inventor: Yoshinao MORIKAWA
Title: NONVOLATILE MEMORY CELL AND NON-VOLATILE Docket No.: 559502000700

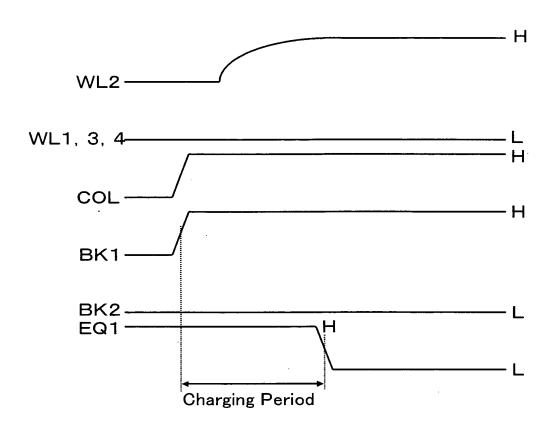


FIG. 8

App No.: Not Yet Assigned Docket No.: 559502000 Inventor: Yoshinao MORIKAWA
Title: NONVOLATILE MEMORY CELL AND NON-VOLATILE SEMICONDUCTOR MEMORY DEVICE

Docket No.: 559502000700

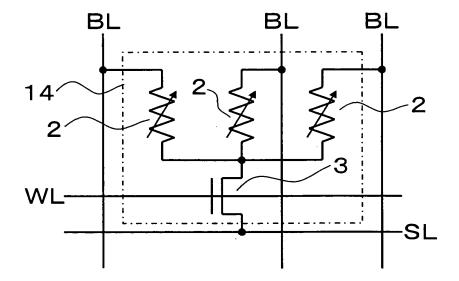


FIG. 9

App No.: Not Yet Assigned Docket No.: 559502000 Inventor: Yoshinao MORIKAWA
Title: NONVOLATILE MEMORY CELL AND NON-VOLATILE Docket No.: 559502000700

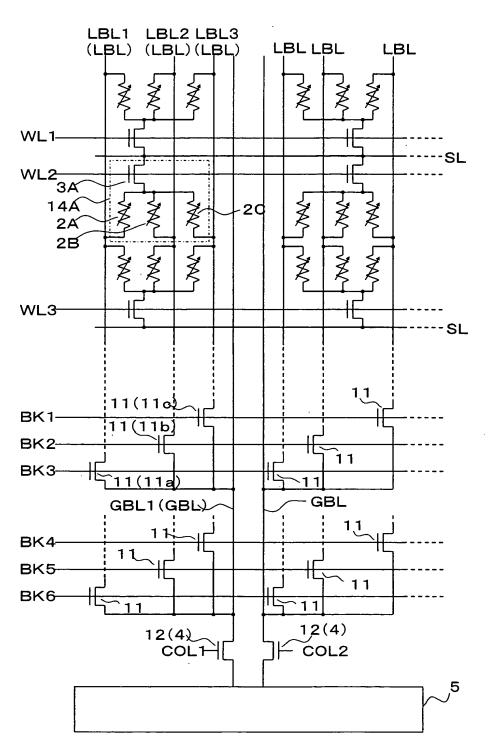
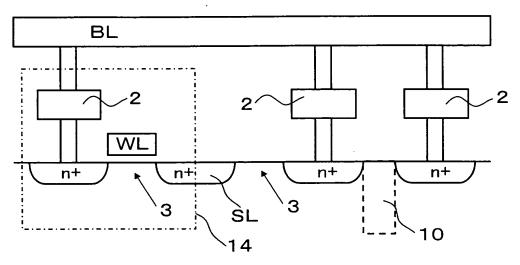


FIG. 10

App No.: Not Yet Assigned Docket No.: 559502000700

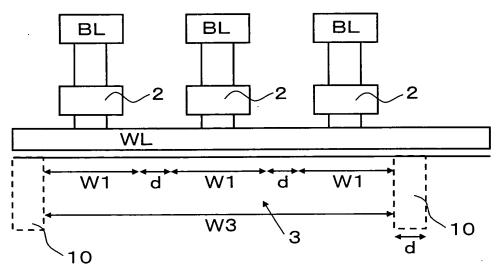
Inventor: Yoshinao MORIKAWA

Title: NONVOLATILE MEMORY CELL AND NON-VOLATILE



A-A Sectional View

FIG. 11A



B-B Sectional View

FIG. 11B

App No.: Not Yet Assigned Docket No.: 559502000700

Inventor: Yoshinao MORIKAWA

Title: NONVOLATILE MEMORY CELL AND NON-VOLATILE

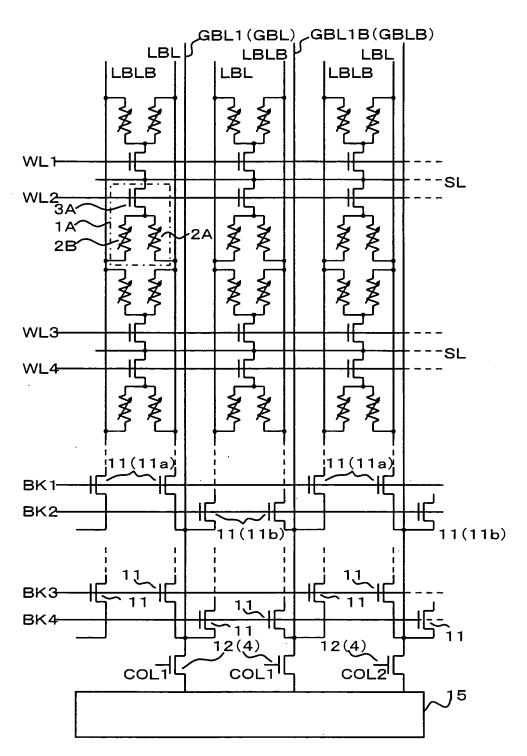


FIG. 12

App No.: Not Yet Assigned Docket No.: 559502000 Inventor: Yoshinao MORIKAWA
Title: NONVOLATILE MEMORY CELL AND NON-VOLATILE SEMICONDUCTOR MEMORY DEVICE Docket No.: 559502000700

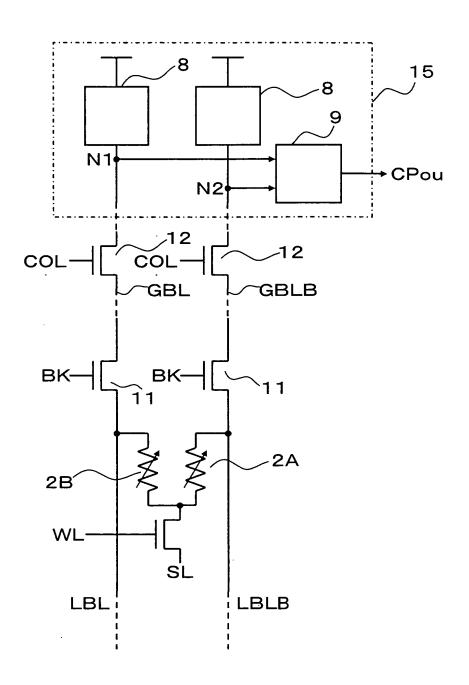


FIG. 13

App No.: Not Yet Assigned Docket No.: 559502000 Inventor: Yoshinao MORIKAWA
Title: NONVOLATILE MEMORY CELL AND NON-VOLATILE SEMICONDUCTOR MEMORY DEVICE Docket No.: 559502000700

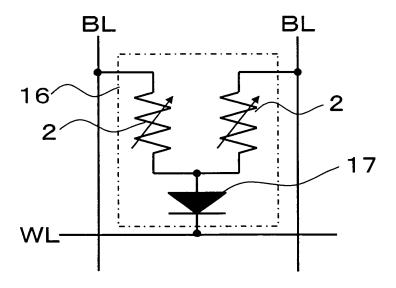


FIG. 14

App No.: Not Yet Assigned Docket No.: 5595020007
Inventor: Yoshinao MORIKAWA
Title: NONVOLATILE MEMORY CELL AND NON-VOLATILE
SEMICONDUCTOR MEMORY DEVICE Docket No.: 559502000700

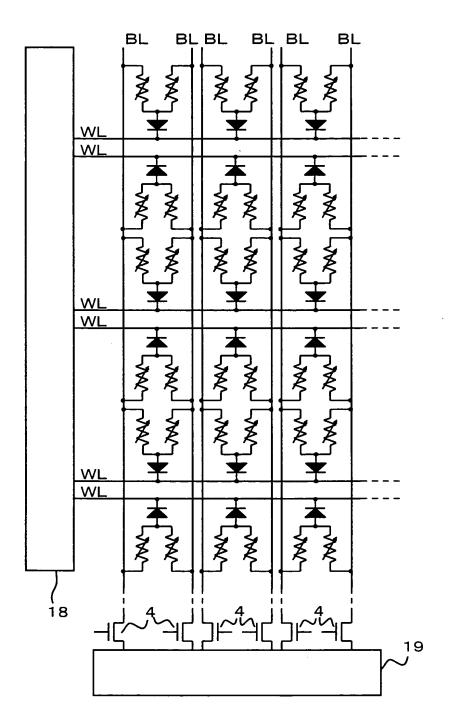


FIG. 15

App No.: Not Yet Assigned

Docket No.: 559502000700 Inventor: Yoshinao MORIKAWA Title: NONVOLATILE MEMORY CELL AND NON-VOLATILE

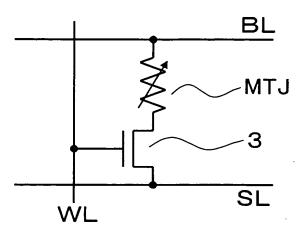


FIG. 16 PRIOR ART

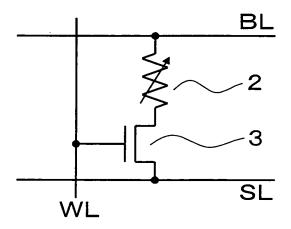


FIG. 17 PRIOR ART

App No.: Not Yet Assigned Docket No.: 5595020003
Inventor: Yoshinao MORIKAWA
Title: NONVOLATILE MEMORY CELL AND NON-VOLATILE
SEMICONDUCTOR MEMORY DEVICE

Docket No.: 559502000700

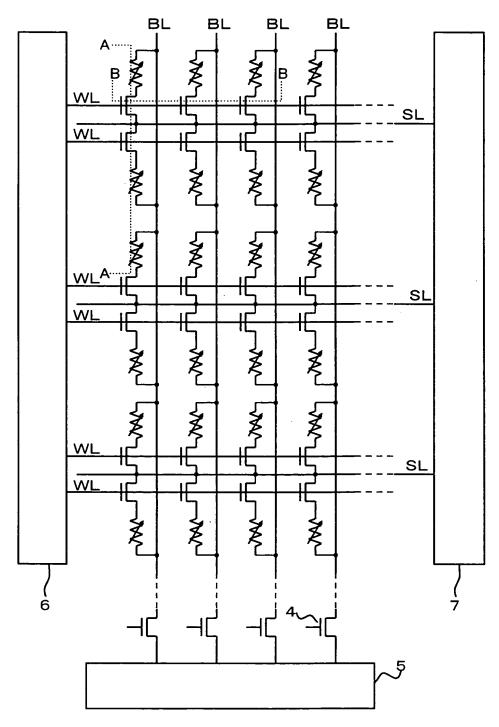
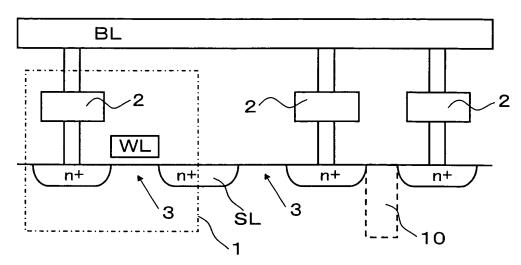


FIG. 18 PRIOR ART

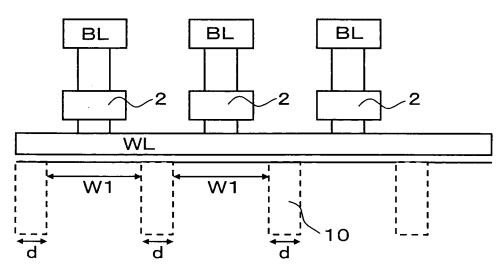
App No.: Not Yet Assigned Inventor: Yoshinao MORIKAWA

Docket No.: 559502000700

Title: NONVOLATILE MEMORY CELL AND NON-VOLATILE SEMICONDUCTOR MEMORY DEVICE



A-A Sectional View
FIG. 19A PRIOR ART



B-B Sectional View

FIG. 19B PRIOR ART

App No.: Not Yet Assigned Docket No.: 559502000 Inventor: Yoshinao MORIKAWA
Title: NONVOLATILE MEMORY CELL AND NON-VOLATILE SEMICONDUCTOR MEMORY DEVICE Docket No.: 559502000700

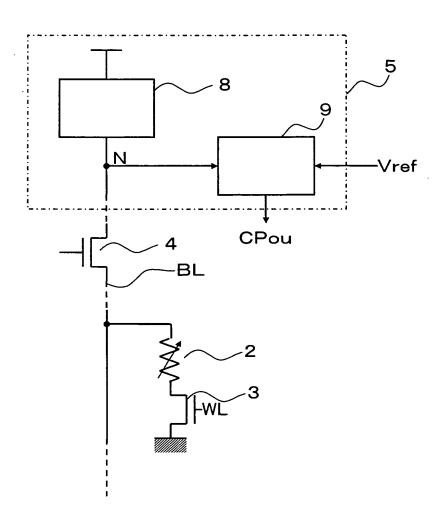
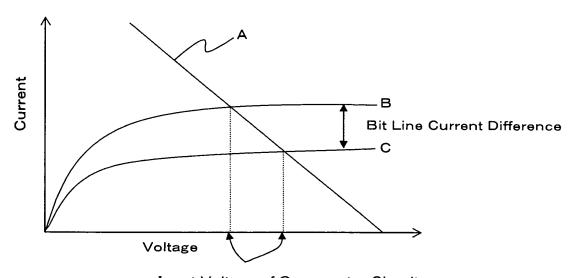


FIG. 20 PRIOR ART

Docket No.: 559502000700

App No.: Not Yet Assigned Docket No.: 5595020007
Inventor: Yoshinao MORIKAWA
Title: NONVOLATILE MEMORY CELL AND NON-VOLATILE
SEMICONDUCTOR MEMORY DEVICE



Input Voltage of Comparator Circuit

FIG. 21

App No.: Not Yet Assigned Docket No.: 559502000 Inventor: Yoshinao MORIKAWA
Title: NONVOLATILE MEMORY CELL AND NON-VOLATILE

Docket No.: 559502000700

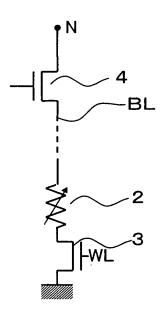


FIG. 22 PRIOR ART